

OHSU
Cardiology and Radiology Code List

Category	CPT® Code	CPT® Code Description	Requires PA
CID	33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial	Yes
CID	33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular	Yes
CID	33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	Yes
CID	33212	Insertion of pacemaker pulse generator only; with existing single lead	Yes
CID	33213	Insertion of pacemaker pulse generator only; with existing dual leads	Yes
CID	33214	Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new generator)	Yes
CID	33221	Insertion of pacemaker pulse generator only; with existing multiple leads	Yes
CID	33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or pacing cardioverter-defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)	Yes
CT	70471	Computed tomographic angiography (CTA), head and neck, with contrast material(s), including noncontrast images, when performed, and image postprocessing	Yes
CT	70472	Computed tomographic (CT) cerebral perfusion analysis with contrast material(s), including image postprocessing performed with concurrent CT or CT angiography of the same anatomy (List separately in addition to code for primary procedure)	Yes
CT	70473	Computed tomographic (CT) cerebral perfusion analysis with contrast material(s), including image postprocessing performed without concurrent CT or CT angiography of the same anatomy	Yes
CCTA	75577	Quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, derived from augmentative software analysis of the data set from a coronary computed tomographic angiography, with interpretation and report by a physician or other qualified health care professional	Yes
CID	33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of pacing cardioverter-defibrillator or pacemaker pulse generator (including upgrade to dual chamber system and pocket revision) (list separately in addition to code for primary procedure)	Yes
CID	33227	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Yes

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CID	33228	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system	Yes
CID	33229	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	Yes
CID	33230	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing dual leads	Yes
CID	33231	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing multiple leads	Yes
CID	33240	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead	Yes
CID	33249	Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber	Yes
CID	33262	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; single lead system	Yes
CID	33263	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; dual lead system	Yes
CID	33264	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; multiple lead system	Yes
MRI	70336	M R I T M J	Yes
CT	70450	C T Head Without Contrast	Yes
CT	70460	C T Head With Contrast	Yes
CT	70470	C T Head Without & With Contrast	Yes
CT	70480	C T Orbit Without Contrast	Yes
CT	70481	C T Orbit With Contrast	Yes
CT	70482	C T Orbit Without & With Contrast	Yes
CT	70486	C T Maxillofacial Without Contrast	Yes
CT	70487	C T Maxillofacial With Contrast	Yes
CT	70488	C T Maxillofacial Without & With Contrast	Yes
CT	70490	C T Soft Tissue Neck Without Contrast	Yes
CT	70491	C T Soft Tissue Neck With Contrast	Yes
CT	70492	C T Soft Tissue Neck Without & With Contrast	Yes
CT	70496	C T Angiography Head	Yes
CT	70498	C T Angiography Neck	Yes
MRI	70540	M R I Orbit, Face, and/or Neck Without Contrast	Yes
MRI	70542	M R I Face, Orbit, and/or Neck With Contrast	Yes
MRI	70543	M R I Face, Orbit, and/or Neck With & Without Contrast	Yes
MRA	70544	M R A Head Without Contrast	Yes
MRA	70545	M R A Head With Contrast	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
MRA	70546	M R A Head With & Without Contrast	Yes
MRA	70547	M R A Neck Without Contrast	Yes
MRA	70548	M R A Neck With Contrast	Yes
MRA	70549	M R A Neck With & Without Contrast	Yes
MRI	70551	M R I Head Without Contrast	Yes
MRI	70552	M R I Head With Contrast	Yes
MRI	70553	M R I Head With & Without Contrast	Yes
CT	71250	Computed tomography, thorax, diagnostic; without contrast material	Yes
CT	71260	Computed tomography, thorax, diagnostic; with contrast material(s)	Yes
CT	71270	Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	Yes
CT	71271	Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)	Yes
CT	71275	C T Angiography Chest Without Contrast Material, Followed by Contrast Material and Further Sections,Including Image Postprocessing	Yes
MRI	71550	M R I Chest Without Contrast	Yes
MRI	71551	M R I Chest With Contrast	Yes
MRI	71552	M R I Chest With & Without Contrast	Yes
MRA	71555	M R A Chest (Excluding Myocardium) With Or Without Contrast	Yes
CT	72125	C T Cervical Spine Without Contrast	Yes
CT	72126	C T Cervical Spine With Contrast	Yes
CT	72127	C T Cervical Spine Without & With Contrast	Yes
CT	72128	C T Thoracic Spine Without Contrast	Yes
CT	72129	C T Thoracic Spine With Contrast	Yes
CT	72130	C T Thoracic Spine Without & With Contrast	Yes
CT	72131	C T Lumbar Spine Without Contrast	Yes
CT	72132	C T Lumbar Spine With Contrast	Yes
CT	72133	C T Lumbar Spine Without & With Contrast	Yes
MRI	72141	M R I Cervical Spine Without Contrast	Yes
MRI	72142	M R I Cervical Spine With Contrast	Yes
MRI	72146	M R I Thoracic Spine Without Contrast	Yes
MRI	72147	M R I Thoracic Spine With Contrast	Yes
MRI	72148	M R I Lumbar Spine Without Contrast	Yes
MRI	72149	M R I Lumbar Spine With Contrast	Yes
MRI	72156	M R I Cervical Spine With & Without Contrast	Yes
MRI	72157	M R I Thoracic Spine With & Without Contrast	Yes
MRI	72158	M R I Lumbar Spine With & Without Contrast	Yes

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MRA	72159	M R A Spinal Canal With Or Without Contrast	Yes
CT	72191	C T Angiography Pelvis	Yes
CT	72192	C T Pelvis Without Contrast	Yes
CT	72193	C T Pelvis With Contrast	Yes
CT	72194	C T Pelvis Without & With Contrast	Yes
MRI	72195	M R I Pelvis Without Contrast	Yes
MRI	72196	M R I Pelvis With Contrast	Yes
MRI	72197	M R I Pelvis With & Without Contrast	Yes
MRA	72198	M R A Pelvis With Or Without Contrast	Yes
CT	73200	C T Upper Extremity Without Contrast	Yes
CT	73201	C T Upper Extremity With Contrast	Yes
CT	73202	C T Upper Extremity Without & With Contrast	Yes
CT	73206	C T Angiography Upper Extremity	Yes
MRI	73218	M R I Upper Extremity Without Contrast	Yes
MRI	73219	M R I Upper Extremity With Contrast	Yes
MRI	73220	M R I Upper Extremity With & Without Contrast	Yes
MRI	73221	M R I Upper Extremity Joint Without Contrast	Yes
MRI	73222	M R I Upper Extremity Joint With Contrast	Yes
MRI	73223	M R I Upper Extremity Joint With & Without Contrast	Yes
MRA	73225	M R A Upper Extremity With Or Without Contrast	Yes
CT	73700	C T Lower Extremity Without Contrast	Yes
CT	73701	C T Lower Extremity With Contrast	Yes
CT	73702	C T Lower Extremity Without & With Contrast	Yes
CT	73706	C T Angiography Lower Extremity	Yes
MRI	73718	M R I Lower Extremity Without Contrast	Yes
MRI	73719	M R I Lower Extremity With Contrast	Yes
MRI	73720	M R I Lower Extremity With & Without Contrast	Yes
MRI	73721	M R I Lower Extremity Joint Without Contrast	Yes
MRI	73722	M R I Lower Extremity Joint With Contrast	Yes
MRI	73723	M R I Lower Extremity Joint With & Without Contrast	Yes
MRA	73725	M R A Lower Extremity With Or Without Contrast	Yes
CT	74150	C T Abdomen Without Contrast	Yes
CT	74160	C T Abdomen With Contrast	Yes
CT	74170	C T Abdomen Without & With Contrast	Yes

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CT	74174	CT angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes
CT	74175	C T Angiography Abdomen	Yes
CT	74176	CT Abdomen And Pelvis Without Contrast	Yes
CT	74177	CT Abdomen And Pelvis With Contrast	Yes
CT	74178	Computed Tomography, Abdomen And Pelvis; Without Contrast Material In One Or Both Body Regions, Followed By Contrast Material(S) And Further Sections In One Or Both Body Regions	Yes
MRI	74181	M R I Abdomen Without Contrast	Yes
MRI	74182	M R I Abdomen With Contrast	Yes
MRI	74183	M R I Abdomen With & Without Contrast	Yes
MRA	74185	M R A Abdomen With Or Without Contrast	Yes
MRI	74712	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation	Yes
MRI	74713	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; each additional gestation (List separately in addition to code for primary procedure)	Yes
CMRI	75557	Cardiac magnetic resonance imaging for morphology and function without contrast material	Yes
CMRI	75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	Yes
CMRI	75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences	Yes
CMRI	75563	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging	Yes
CMRI	75565	Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure)	Approvable on Claim if Primary Approved
CCTA	75573	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular structures, if performed)	Yes
CT	75635	C T Angiography Abdominal Aorta	Yes
CT	76380	C T Limited Or Localized Follow-Up Study	Yes
MRI	76390	M R I Spectroscopy	Yes
MRI	76391	Magnetic resonance (eg, vibration) elastography	Yes
CT	76497	Unlisted computed tomography procedure	Yes
MRI	76498	Unlisted MRI Procedure	Yes
BMRI	77046	Magnetic resonance imaging, breast, without contrast material; unilateral	Yes
BMRI	77047	Magnetic resonance imaging, breast, without contrast material; bilateral	Yes
BMRI	77048	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; unilateral	Yes

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BMRI	77049	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; bilateral	Yes
CT	77078	Computed Tomography, bone mineral density study, 1 or more sites; axial skeleton	Yes
NUC MED	78012	Thyroid uptake, single or multiple quantitative measurement(s) (including stimulation, suppression, or discharge, when performed)	Yes
NUC MED	78013	Thyroid imaging (including vascular flow, when performed)	Yes
NUC MED	78014	Thyroid imaging (including vascular flow, when performed); with single or multiple uptake(s) quantitative measurement(s) (including stimulation, suppression, or discharge, when performed)	Yes
NUC MED	78015	Thyroid Met Imaging	Yes
NUC MED	78016	Thyroid Met Imaging With Additional Studies	Yes
NUC MED	78018	Thyroid Scan Whole Body	Yes
NUC MED	78020	Thyroid Carcinoma Metastases Uptake	Yes
NUC MED	78070	Parathyroid planar imaging (including subtraction, when performed)	Yes
NUC MED	78071	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT)	Yes
NUC MED	78072	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT), and concurrently acquired computed tomography (CT) for anatomical localization	Yes
NUC MED	78075	Adrenal Nuclear Imaging	Yes
NUC MED	78102	Bone Marrow Imaging, Limited	Yes
NUC MED	78103	Bone Marrow Imaging, Multiple	Yes
NUC MED	78104	Bone Marrow Imaging, Whole Body	Yes
NUC MED	78185	Spleen Imaging With & Without Vascular Flow	Yes
NUC MED	78195	Lymph System Imaging	Yes
NUC MED	78201	Liver Imaging	Yes
NUC MED	78202	Liver Imaging With Flow	Yes
NUC MED	78215	Liver & Spleen Imaging	Yes
NUC MED	78216	Liver & Spleen Imaging With Flow	Yes
NUC MED	78226	Hepatobiliary system imaging, including gallbladder when present;	Yes
NUC MED	78227	Hepatobiliary system imaging, including gallbladder when present; with pharmacologic intervention, including quantitative measurement(s) when performed	Yes
NUC MED	78230	Salivary Gland Imaging	Yes
NUC MED	78231	Serial Salivary Gland	Yes
NUC MED	78232	Salivary Gland Function Exam	Yes
NUC MED	78258	Esophagus Motility Study	Yes
NUC MED	78261	Gastric Mucosa Imaging	Yes
NUC MED	78262	Gastroesophageal Reflux Exam	Yes
NUC MED	78264	Gastric Emptying Study	Yes

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NUC MED	78278	GI Bleeder Scan	Yes
NUC MED	78290	Meckels Diverticulum Imaging	Yes
NUC MED	78291	Leveen Shunt Patency Exam	Yes
NUC MED	78300	Bone Or Joint Imaging Limited	Yes
NUC MED	78305	Bone Or Joint Imaging Multiple	Yes
NUC MED	78306	Bone Scan Whole Body	Yes
NUC MED	78315	Bone Scan 3 Phase Study	Yes
NUC CARD	78414	Non-Imaging Heart Function	Yes
NUC CARD	78428	Cardiac Shunt Imaging	Yes
NUC CARD	78430	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); single study, at rest or stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	Yes
NUC CARD	78431	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); multiple studies at rest and stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	Yes
NUC CARD	78432	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability);	Yes
NUC CARD	78433	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan	Yes
NUC MED	78445	Radionuclide Venogram Non-Cardiac	Yes
NUC CARD	78451	78451 myocardial perfusion imaging, tomographic (spect) including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	Yes
NUC CARD	78452	Myocardial perfusion imaging, tomographic (spect) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection	Yes
NUC CARD	78453	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	Yes
NUC CARD	78454	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection	Yes
NUC MED	78457	Venous Thrombosis Imaging Unilateral	redirect to CTA, MRA, vasc US
NUC MED	78458	Venous Thrombosis Images, Bilateral	redirect to CTA, MRA, vasc US
NUC CARD	78466	Myocardial Infarction Scan	Yes
NUC CARD	78468	Heart Infarct Image Ejection Fraction	Yes

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NUC CARD	78469	Heart Infarct Image 3D SPECT	Yes
NUC CARD	78472	Cardiac Bloodpool Img, Single	Yes
NUC CARD	78473	Cardiac Bloodpool Img, Multi	Yes
NUC CARD	78481	Heart First Pass Single	Yes
NUC CARD	78483	Cardiac Blood Pool Imaging -- Multiple	Yes
NUC CARD	78494	Cardiac Blood Pool Imaging , SPECT	Yes
NUC CARD	78496	Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (List separately in addition to code for primary procedure)	Yes
NUC CARD	78499	Unlisted Cardiovascular Procedure	Unlisted procedure, redirect to a more specific CPT
NUC MED	78579	Pulmonary ventilation imaging (eg, aerosol or gas)	Yes
NUC MED	78580	Pulmonary perfusion imaging (eg, particulate)	Yes
NUC MED	78582	Pulmonary ventilation (eg, aerosol or gas) and perfusion imaging	Yes
NUC MED	78597	Quantitative differential pulmonary perfusion, including imaging when performed	Yes
NUC MED	78598	Quantitative differential pulmonary perfusion and ventilation (eg, aerosol or gas), including imaging when performed	Yes
NUC MED	78600	Brain Imaging Limited Static	Yes
NUC MED	78601	Brain Limited Imaging And Flow	Yes
NUC MED	78605	Brain Imaging Complete	Yes
NUC MED	78606	Brain Imaging Complete With Flow	Yes
PET	78608	Brain Imaging, Positron Emission Tomography (PET) Metabolic Evaluation	Yes
PET	78609	Brain Imaging, Positron Emission Tomography (PET) Perfusion Evaluation	Yes
NUC MED	78610	Brain Flow Imaging Only	Yes
NUC MED	78630	Cisternogram (Cerebrospinal Fluid Flow)	Yes
NUC MED	78635	Cerebrospinal Ventriculography	Yes
NUC MED	78645	CSF Shunt Evaluation	Yes
NUC MED	78650	C S F Leakage Detection And Localization	Yes
NUC MED	78660	Radiopharmaceutical Dacryocystography	Yes
NUC MED	78700	Kidney Imaging Morphology	Yes
NUC MED	78701	Kidney Imaging With Vascular Flow	Yes
NUC MED	78707	Kidney Imaging With Vascular Flow & Function Single Study Without Pharmacological Intervention	Yes
NUC MED	78708	Kidney Imaging Single Study With Pharmacological Intervention	Yes
NUC MED	78709	Kidney Imaging - Multiple Studies Without & With Pharmacological Intervention	Yes
NUC MED	78725	Kidney Function Study - Non-Imaging Radioisotopic	Yes

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NUC MED	78730	Urinary Bladder Residual Study	Yes
NUC MED	78740	Ureteral Reflux Study	Yes
NUC MED	78761	Testicular Imaging With Vascular Flow	Yes
NUC MED	78800	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, single area (includes vascular flow and blood pool imaging, when performed); planar, single (includes vascular flow and blood pool imaging, when performed); planar, single	Yes
NUC MED	78801	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, 2 or more areas (eg, abdomen and pelvis, head and chest), 1 or more days imaging or single area imaging over 2 or more days	Yes
NUC MED	78802	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, whole body, single day imaging	Yes
NUC MED	78803	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging	Yes
NUC MED	78804	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, whole body, requiring 2 or more days imaging	Yes
PET	78811	PET Imaging; limited area	Yes
PET	78812	PET Imaging; skull base to mid-thigh	Yes
PET	78813	PET Imaging; whole body	Yes
PETCT	78814	PET With Concurrently Acquired Ct; Limited Area	Yes
PETCT	78815	PET With Concurrently Acquired Ct; Skull Base To Mid-Thigh	Yes
NUC MED	78830	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging	Yes
NUC MED	78831	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), minimum 2 areas (eg, pelvis and knees, chest and abdomen) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition over 2 or more days	Yes
NUC MED	78832	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, minimum 2 areas (eg, pelvis and knees, chest and abdomen) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition over 2 or more days	Yes

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ECHO	93319	3D echocardiographic imaging and postprocessing during transesophageal echocardiography, or during transthoracic echocardiography for congenital cardiac anomalies, for the assessment of cardiac structure(s) (eg, cardiac chambers and valves, left atrial appendage, interatrial septum, interventricular septum) and function, when performed (List separately in addition to code for echocardiographic imaging)	Yes
DHC	93451	Right Heart Catheterization Including Measurement(S) Of Oxygen Saturation And Cardiac Output, When Performed	Yes
DHC	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes
DHC	93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes
DHC	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation	Yes
DHC	93455	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography	Yes
DHC	93456	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization	Yes
DHC	93457	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	Yes
DHC	93458	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	Yes
DHC	93459	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Yes
DHC	93460	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	Yes
DHC	93461	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Yes
DHC	93593	Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections	Yes
DHC	93594	Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections	Yes
DHC	93595	Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections	Yes
DHC	93596	Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections	Yes

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DHC	93597	Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); connections abnormal native connections	Yes
DGUS	93985	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	Yes
DGUS	93986	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study	Yes
CID	0266T	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)	Investigational
CID	0408T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator with transvenous electrodes	Investigational
CID	0409T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator only	Investigational
CID	0515T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; complete system (includes electrode and generator [transmitter and battery])	Investigational
CID	0516T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only	Investigational
CID	0517T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; both components of pulse generator (battery and transmitter) only	Investigational
CID	0519T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; both components (battery and transmitter)	Investigational
CID	0520T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only	Investigational
CID	0571T	Insertion or replacement of implantable cardioverter-defibrillator system with substernal electrode(s), including all imaging guidance and electrophysiological evaluation (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters), when performed	Investigational
MR	0609T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Acquisition Of Single Voxel Data, Per Disc, On Biomarkers (Ie, Lactic Acid, Carbohydrate, Alanine, Laal, Propionic Acid, Proteoglycan, And Collagen) In At Least 3 Discs	Yes
MR	0610T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Transmission Of Biomarker Data For Software Analysis	Yes
MR	0611T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Postprocessing For Algorithmic Analysis Of Biomarker Data For Determination Of Relative Chemical Differences Between Discs	Yes
CRID	0614T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Interpretation And Report	Yes
CT	0633T	Removal And Replacement Of Substernal Implantable	Yes
CT	0634T	Defibrillator Pulse Generator	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
CT	0636T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast Material	Yes
CT	0637T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; With Contrast Material(S)	Yes
CT	0638T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast, Followed By Contrast Material(S)	Yes
MRI	0648T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; single organ. Effective 7/1/2021 AMA Additions	Yes
MRI	0649T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); single organ (List separately in addition to code for primary procedure). Effective 7/1/2021 AMA Additions	Yes
MRI	0697T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; multiple organs	Investigational
MRI	0698T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); multiple organs (List separately in addition to code for primary procedure)	Investigational
CT (CTA)	0710T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report	Investigational
CT (CTA)	0711T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission	Investigational
CT (CTA)	0712T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability	Investigational
CT (CTA)	0713T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report	Investigational
NUC CARD	0742T	Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure)	Investigational
CID	0795T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; complete system (ie, right atrial and right ventricular pacemaker components)	Yes
CID	0796T	Transcatheter insertion of right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system)	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
CID	0797T	Transcatheter insertion of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)	Yes
CID	0801T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; dual-chamber system (ie, right atrial and right ventricular pacemaker components)	Yes
CID	0802T	Transcatheter removal and replacement of right atrial pacemaker component	Yes
CID	0803T	Transcatheter removal and replacement of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)	Yes
CID	0823T	Transcatheter insertion of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed	Yes
CID	0825T	Transcatheter removal and replacement of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed	Yes
CID	0915T	Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator and dual transvenous electrodes/leads (pacing and defibrillation)	Investigational
CID	0916T	Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator only	Investigational
CID	0923T	Removal and replacement of permanent cardiac contractility modulation-defibrillation pulse generator only	Investigational
CID	0933T	Transcatheter implantation of wireless left atrial pressure sensor for long-term left atrial pressure monitoring, including sensor calibration and deployment, right heart catheterization, transseptal puncture, imaging guidance, and radiological supervision and interpretation	Investigational
MRA	C8900	MRA Abdomen with contrast	redirect to 74185
MRA	C8901	MRA Abdomen without contrast	redirect to 74185
MRA	C8902	MRA Abdomen with and w/o contrast	redirect to 74185
MRI	C8903	MRI Breast with contrast, unilateral	redirect to 77048
MRI	C8905	MRI Breast with and without contrast, unilateral	redirect to 77048
MRI	C8906	MRI Breast Bilateral with contrast	redirect to 77049
MRI	C8908	MRI Breast Bilateral with and without contrast	redirect to 77049
MRA	C8909	MRA chest with contrast (excluding myocardium)	redirect to 71555
MRA	C8910	MRA chest without contrast (excluding myocardium)	redirect to 71555
MRA	C8911	MRA chest with and without contrast (excluding myocardium)	redirect to 71555
MRA	C8912	MRA lower extremity with contrast	redirect to 73725
MRA	C8913	MRA lower extremity without contrast	redirect to 73725
MRA	C8914	MRA lower extremity with and without contrast	redirect to 73725

Category	CPT® Code	CPT® Code Description	Requires PA
MRA	C8918	MRA pelvis with contrast	redirect to 72198
MRA	C8919	MRA pelvis without contrast	redirect to 72198
MRA	C8920	MRA pelvis with and without contrast	redirect to 72198
ECHO	C8921	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; complete	worked as corresponding echo code 93303
ECHO	C8922	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; f/u or limited study	worked as corresponding echo code 93304
ECHO	C8923	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; complete	worked as corresponding echo code 93307
ECHO	C8924	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; f/u or limited study	worked as corresponding echo code 93308
ECHO	C8928	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording, during rest and cardiovascular stress test, w/interpretation and report	worked as corresponding echo code 93350
ECHO	C8929	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, complete, with spectral doppler echocardiography, and with color flow doppler echocardiography	worked as corresponding echo code 93306
ECHO	C8930	Transthoracic echocardiography, with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report; including performance of continuous electrocardiographic monitoring, with physician supervision	worked as corresponding echo code 93351
MRA	C8931	MRA, with Dye, Spinal Canal	redirect to 72159
MRA	C8932	MRA, without Dye, Spinal Canal	redirect to 72159
MRA	C8933	MRA, without & with Dye, Spinal Canal	redirect to 72159
MRA	C8934	MRA, with Dye, Upper Extremity	redirect to 73225
MRA	C8935	MRA, without Dye, Upper Extr	redirect to 73225
MRA	C8936	MRA, without & with Dye, Upper Extr	redirect to 73225
MRI	C9762	Computed Tomography, Breast, Including 3d Rendering, When Performed, Bilateral; Without Contrast Material(S)	Yes
MRI	C9763	Computed Tomography, Breast, Including 3d Rendering, When Performed, Bilateral; With Contrast Material(S)	Yes
MRI	C9791	Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent	
PET	G0219	PET Imaging Whole Body; Melanoma For Non-Covered Indications	redirect 78811-78816
PET	G0235	PET Imaging, Any Site, Not Otherwise Specified	redirect 78811-78816

Category	CPT® Code	CPT® Code Description	Requires PA
PET	G0252	PET Imaging, Full And Partial-Ring Pet Scanners Only For Initial Diagnosis Of Breast Cancer And/Or Surgical Planning For Breast Cancer	redirect 78811-78816
CT	S8092	Electron Beam Computed Tomography (Also Known As Ultrafast CT, CINET)	Investigational

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